8

Gout to p 347

Rheumatalgia 347

Tooth Ach — 355

Arthropuosis 356

Neuralgia — 357.

Apoplexy — 372-

periods of life, or different seasons produce both species. — In ~~the~~ general, the ~~p~~ phlogistic occurs before 40 — the asthenic in the decline of life. The two species are further influenced by ~~habit~~ constitution & by the remote causes. Delicate persons ~~habit~~ descended from gouty ancestors, & women, are most subject to the asthenic. The greater the number & the force of the remote causes the greater probability there is of its being asthenic. — Distilled spirits from their greater indirect kindling, & more frequent use are more apt to produce asthenic, than wine — & of the wines the low & acid ones ~~the~~ more than madeira — or Lisbon — — Hence the frequency of all the cases of asthenic gout that have been mentioned

+ I shall add to this history of the gout three Observations. 1 The ~~Inflam~~ Gout is generally fatal before 50, when it comes before 25 or 20. 2 An absence of regular fits of the gout where no change is made in the diet, is always to be feared. ~~Ess~~ It is apt to ~~be~~ lead to Atonic Gout.

among great ~~hard~~ men drinkers, especially Dyspep-
-sia - palsy - & apoplexy. - I have known
~~Hypo~~ it ~~it~~ produce phlogistic Gout in the feet in a few cases,
but it was in persons who used great
exercise. One of them was an Indian at
Fort Pitt, who cried out with the pain of
it so as to be heard at a great distance. +
- The phlogistic is further distinguished by a tense full pulse.

~~It remains now only to inquire for~~
~~what manner the occasional causes act~~
~~so as to excite the disease in helpts previously~~
~~disposed to it. ~~by plethora~~ These causes are esp:~~
~~They act, in two ways viz: by the abstraction~~
~~of direct stimuli, or ~~the~~ by the action of indirect~~
~~stimulus. - In both ways debility is induced,~~

We proceed now to the meth^d of Cure.
And here, Let us inquire, is it a curable
disorder? Dr ~~Cullen~~ Sydenham tho't it
was, and he looked forward to posterity for
the discovery of a medicine for that

purpose. That time is not yet come. Many nostrums have been proposed - but all have failed - ~~after~~ & covered the names of their Authors with shame & contempt. I shall have occasion to mention some of these nostrums hereafter. — I do not wish to limit ~~because~~ the boundys of human inquiry, but according to our present systems of the Animal oeconomy, it does not seem probable that a radical cure for the Gout will ever be found in a medicine of any kind. ~~return in the bowels~~ But it is not an incurable

~~The cure of the Gout is actually divided into the phlogistic & asthenic — we shall begin with the phlogistic~~ — disorder. I believe in a certain state of it it is a certainly within the empire of our Art as a pneumony, or an intermitting fever. — The remedies for it are the total disuse of all the remote causes which induce it. But who ~~will~~ that has ~~the power~~ strong inclinations for the pleasures

Breeding or for venus, & the ~~of the table without scruples of~~ power of gratifying them or who that is devoted to the stimulating pursuits of ambition ever did relinquish any one much all of them for the benefit of durable and perfect health? - If the belief & fear of future punishment, have not been able to restrain men ~~in~~ from the, inspire gratification of their appetites, it is not to be expected they will be restrained by the ~~so~~ fear or even the remembrance of a fitt of the Gout. —

I speak the more confidently of the efficacy of temperance - exercise &c in eradicating the Gout from having been off & allowed the effects of them when imposed by necessity, or involuntary poverty. Men who have been reduced by misfortunes to ~~be~~ temperance & labor have been perfectly cured. Children descended from gouty parents, who have descended likewise in their rank, so as to be obliged to work constantly & to live temperately, have

+ Dr Adair mentions three cases of radical cures by Regimen. The patients he says shd. begin to use low diet, during a fitt of inflamd. gout. —

extinguished the gout in their families, and have themselves lived free from it. I knew an instance of a West India merch.t who failed in business in this city, & was confined by a merciless creditor to our Goal for near 2 years. He entered with a phlogistic gout on him, but from the change in his diet & manner of life, he soon recovered from it, & lived the greatest part of his life free from it. It returned only in consequence of such a change in his fortune as to enable him to renew his ~~con~~ friendship with the pleasures of the table. — The temperance and ~~co~~ labor or exercise — to be effectual in eradicating the gout should be constant — moderate — and should be continued for several years. In some cases, half a life time perhaps may be necessary. — This regimen is ~~safe only~~ practicable only in the phlogistic gout, or in the Asthmic when it occurs before the middle or decline of life. — + But we must not desert our patient

in the gout, altho' he will not submit to a radical cure. Its fits may be moderated, their return ~~by~~ rendered less frequent, and life may be prolonged, by means of palliative medicines. These will ~~not~~ be more or less effectual in proportion as they are joined with suitable diet & exercise. —

The ~~application of these remedies is~~ treatment of the gout for these purposes, is divided into the phlogistic & asthenic species. We shall begin with the <u>phlogistic</u>.

And here a question occurs such as we have asked upon many former diseases. Is there any precursor of the ~~fits of the~~ attack of the gout? — yes — ~~twinges~~ pangs in the feet — want of appetite or sickness at stomach — excessive appetite the day before — ~~with~~ all indicate the approach of a fit of the gout. In this case of evident debility — the warm bath to the feet — rest — ℞ ℥ij of mad: wine — & perhaps a dose of laudanum would carry off the disorder, & afford a

v Perhaps the efficacy of wine in this stage misled Dr Brown — After inflam^y action has taken place, it is certainly hurtful. Jenel Le Clair says a few doses of ♃ cuts off a fitt before it is completely formed.

temporary respite from it. V

~~In coming the~~ The indications in the phlogistic ~~gout~~ Spines, are

1 To moderate excess of action in the arterial system during the fitt of the gout, 2dly to prevent as much as possible the frequency of its recurrence. —

To the 1st Indication belongs ~~the~~ moderate 1st Bleeding. — I am satisfied that it is both a safe and useful remedy. Dr Lister tells us that he used it with advantage, ~~in~~ in the inflamd. gout, & that he always found the blood covered with a sizy crust. For my part in a true phlogistic gout seated either in the limbs, or lungs, I shd. have no more hesitation in bleeding, than I shd. in an acute Rheumatism. — In favor of this practice I have not only the authority of Dr Lister, but of Cullen & Dr Sydenham himself. The bleeding to be safe, shd. be moderate, perhaps topical - in general - best.

It is true copious bleeding terminates the fitt at once, but it disposes to more frequent occurrence, or to asthenic Gout, as appeared frequently in the practice of Sir James Jay in London. This boasted remedy was ~~was~~ ~~to~~ ℥20 of blood, be a powerful sweat which was said to be an American root. —

I said formerly that <u>debility</u> was the predisposing cause of the phlogistic gout ~~also~~ as well as of inflam^y fever. How then shall be reconcile ~~to~~ the use of a debilitating remedy such as V.S. with a previously debilitated state of the body? This at first light appears a difficult question, ~~to the~~ but it may be easily resolved by the same analogies & principles ~~upon very common natural principles~~ by wh I formerly explained the proximate cause of fever. Vide confession — go to p: 318.

In the phlogistic gout there is <u>excess</u> of action, produced by the application of stimuli, or by the abstraction of an usual

stimulus upon a system ~~[illegible]~~ predisposed to this ~~[illegible]~~ excess by debility. — But whence this excess? why is it not proportioned to the degree of the exciting cause? — To answer this question let us turn our eyes to other parts of the operations of Nature. —

1st A calm, or light & varying breezes at sea, may be considered as a state of debility in the atmosphere — It predisposes to a current of air — But is this current proportioned to the loss of the equilibrium in the Air? — By no means — ~~The~~ It is violent, and excessive, and ~~[illegible]~~ ~~to~~ ~~like the violent action in a fever~~ tends to the destruction of the works of both Nature & Art. —

2 A long continued drought may be considered as a state of debility in the productions of the earth. It predisposes to rain — But does this rain always descend in gentle showers so as to be absorbed by the thirsty ground? ~~[illegible]~~

— The destruction of the works of nature &c
art by inundations of lakes, & rivers bear
witness to the contrary. —

3 The passions are given to man on purpose
to aid the slow & feeble operations of reason.
— But ~~are they~~ is their action always proportioned to the
causes which excite them? — If they were,
the precepts of religion & morality would
have been given in vain, for the principal design of
them is to ~~of restraining~~ restrain their excess or irregular ~~of~~ action. — An
acute pneumony or Rheumatism in conse=
=quence of a trifling injury offered to the system
by the ~~heat of~~ coldness of a Church, or the
heat of a dancing assembly room, are but
faint ~~record~~ images of the immense dis=
=proportion between a trifling affront, &
~~the Passion~~ that excess of a passion ~~of revenge~~ which
seeks for gratification in murder — whether
by poison — assassination or a duel. —

4 The same excess of action appears

in the passions of public bodies. — A hasty or insolent word of no ~~importance~~ mischievous influence has often produced convulsions — and even revolutions in States & communities.

But let us return again to the human body, & we shall find in it, many more analogies of the disproportion between Stimulus & action. —

5 A single ~~dib~~ castor ~~of~~ Oil, nut tho' rejected from the Stomach upon its first effort in vomiting has in One instance that came within my knowledge, produced a Vomiting that lasted near 24 hours. ~~The~~ ~~The Action is out of all~~ And is this all — an injury done ~~by~~ to the Stomach by a Syphit has not been forgiven in twenty years. Here is Action & duration beyond all kind of proportion to the cause w.ch excited them.

6 A grain of Sand or dust ~~on the~~ after being washed from the eye, is often ~~was~~ followed by such an inflamn.n or excep

+ great the variety may appear in the number & manner of these operations, one uniform principle governs them all. It would be easy to travel over the works of nature in the moral-political & natural world, & to shew instances of excess of action from an debility, attended with destructive consequences, but this would be foreign to our present subject. I assume therefore & apply the principles of excess of action following debility as a law of nature, as much so, as that a stone when thrown in the air falling from the attraction of

of action in the eye so to require repeated bleedings - purging - & blistering to remove it.

~~Instances~~ Many similar instances of the disproportion between cause & effect might be mentioned, not only in the Animal Oeconomy, but in every other part of the ~~works of~~ operations of nature. — Forbear:

Could we comprehend the ~~guides~~ sublime & ineffable system of the natural & moral government of the world, I am sure we should discover nothing in it but what tended ultimately to Order & happiness. But there is <u>evil</u> in the world. We see it — we feel it — our bodies as well as our minds are full of it. The operations of Nature — originally the ministers ~~were testimony that we are fallen~~ of ~~divine~~ goodness, only to man are now the vehicles of all his evils. — In religion — when we worship the Sun — ~~or~~ or a cat — a Crocodile — or the devil — we <u>follow nature</u> — In morals, — when we ~~commit thefts~~ lye — steal — or commit murder or adultery — we <u>follow</u>

~~the cauthorn~~ the formation of ice from the Abstraction of heat, – or ~~the~~ pain from a broken or dislocated bone. –

+ While I maintain ~~the~~ the principles & language ~~&~~ I have deli: respecting Nature I beg it may be remembered that from the beginning it was not so. The Operations of the natural & moral world were originally in ~~the~~ Union with Order & happiness – and revelation informs us that the time will come when the dominion of order shall be again restored, over every ~~after~~ action of the body & mind. Then will every Operation of Nature in ~~earth~~ Earth, have for their ~~& Objects~~ ~~tend only to health~~ & Objects only health & peace, & constantly terminate in them. Return to p: 26 N°1 – of lect: of 1790

Nature — and in medicine when we indulge every fancy & appetite of our patients, and prefer blisters on the surface of the body, & ~~on~~ hemorrhages in the lungs & brain, to bleeding & blistering, — we follow nature. In religion — in morals, & in ~~medicine~~ physics — the ~~destructive~~ operation of nature leads the first idea of a physician to error & destruction. The ~~doctrine of Science~~ ~~being only~~ the servant of nature, & ~~all~~ most of the ~~prime~~ theories & practice which are founded upon ~~it~~ ~~them~~ it, I thus publicly reject as the paganism of medicine. —

If a few instances of the salutary operations of nature should be picked up in the history of diseases, they can no more invalidate the charges that I have brought against her, that a few ~~lucid~~ rational sentences in ~~the~~ a lucid interval of madness, should protect a lunatic from confinement, or his estate from being sequestered for the benefit of his family. —

+ great allowance must be made for the difference of state & society in Britain & America. In Britain all diseases are more atonic - In America we are an wo years behind them. —

The principles & practice which I have delivered have been the foundation of my practice for 20 years, not only in the Gout, but in other diseases — and I think I have had no reason to alter them. I know they are contrary to the principles of Dr Brown, & that they lead to a method of treating the Gout directly opposite to that which he has recommended. — But who will venture to use Stimuli in a phlogistic Gout when he reflects that the man who recommends them unfortunately perished under the use of ~~the use of~~ them in a fit of the apoplexy? — +

— But Dr Brown ~~all~~ admits the use of VS: in Rheumatism — ~~no inflammation~~ — Now an inflammation ~~from~~ Rheumatism is as much a disease produced by previous debility as the Gout. I contend therefore for the same remedy in both diseases, but in a much less degree in the Gout — for ~~the~~ the debility which produces it, is much greater, & the excess of action which follows it much

+ It is very remarkable that as soon as the symptoms of excess of action appear ~~with~~ in the feet in ~~gou~~ the phlogistic gout, the sickness at stomach, & all other symptoms of previous debility disappear from every part of the system, just as ~~the~~ lapitude & chilly fitt (the signs of debility in an inflam^y fever), disappear as soon as the excess of action ~~incompletely~~ discovers itself in ~~formed in a~~ a high fever ~~quick heart~~ or a tense pulse.

+ Genl Sullivan told in the stage with a woman who had been relieved 4 years of Gout by taking ℞ 30 mornings. The General relieved by it for 2 years —

lep than in a Rheumatism.+

In a future lecture, I shall endeavour to explain the resources of the constitution which supply this excess of action. It will come under consideration more properly when we treat upon some other diseases particularly the tetanus & mania, in which a much greater excess of action occurs that in inflam^y fever, and after much greater debility. In the mean while we shall proceed to mention the other remedies for the paroxysms of phlogistic gout. —

2 Lenient purges - Jalap is generally given for this purpose.* - but if the stomach & bowels are affected by flatulency, the tincture recommended by Warner ought to be preferd. —

3 Low diet - If the stomach is troubled with acidity, a little animal food may

+ The matter discharged is sometimes very acid — The relief instant from it.

See Dr Pye in med Obs:

be given. Beef tea is excellent for this purpose. — If this shd not agree wth the Stomach, the white meats (as having least stimulus) may be given taken with safety. —

4 Is a Vomit proper in this Species of the Gout? Dr Small in the Med^l Observations tells us that he always took one in the beginning of a fitt of the Gout, & never failed of finding relief from it. & why not? It is to be defended upon the same principle as Vomits in an inflam^y fever. In both cases it is necessary to take down excess of action. Dr Stubes's case of a British Lieutenant in the Bettering house — always cured by a vomit. +

5 Is a Blister proper in the phlogistic Gout? Dr Chalmers's practice. I have used them with success in several cases, & never saw them do any harm. B: Mr Cruchin & Griffitt's cases. ±

6 Is cold proper to the affected part? —

I know that the contrary practice is universal, & that patients & flannel are the first things recommended in the Gout. But Mr Small tells us he never applied flannel to his feet, ~~but~~ but exposed them to the action of the cold air which abated his pain & shortened the fit. Every Arg.t in favor of cold air in rheumatism or Inflg. small pox applies ~~[illegible]~~ to the lesse of cold air tho in a less degree in the phlogistic Gout. I have heard of the limb being plunged into cold water with hops by a Gent.n in this city. To render this practice safe, we ought to be sure there is no ~~[illegible]~~ mixture of a tonic Gout with the tonic. –

Are applications of any kind proper to the affected parts? – ~~Stimulating~~ Acid ones are very improper such as Camphor &c

Q + Is the excitement of ~~action~~ the system by a stimulating passions or emotion proper? – Emaj. Theme's story. Shd. be used with caution – & only when opium is proper.

Volatile Salt, — but gentle ones by opening the pores give great relief — I have long used a Cabbage leaf to the great advantage. I was taught it by a Gent.n from Carolina. — molasses too agreeable — ~~[illegible]~~ I once ~~[illegible]~~ cured a severe attack of it in the ~~[illegible]~~ knee with a ~~[illegible]~~ weak Solution of Opium in ~~water~~ Spirit & water.

8 Is Opium proper in the phlogistic Gout? — Yes — as soon as the evacuations before mentioned have been used — & why not? we use them under the same Circumstances to abate pain & cough in Rheumatism & pneumony. — It is more necessary in this, than in other inflam.ns as the retrocession of debility after excess of Action is subdued, is very apt to dispose to Asthenic Gout. — +

I have but more Observation to communicate under this head, & that is

+ In a particular manner, we prevent that most deplorable Symptom the Gravel by raising our patient more speedily from his back, a position of the body which dis=
=poses very much to that disease. —

to advise your patient to ~~the~~ use his limbs as soon as possible by walking. It strengthens the ~~co~~ limbs, & thereby prevents a early & frequent returns of the disorder. —

By the treatment of a fitt of the Gout the wch has been mentioned, I am satisfi=
=ed the duration of it may shortened — its fo violence & pain abated — & the strength of the system preserved for many — many years! — By the contrary practice of aban=
=doning him to patience & flannel w^th=
=out the aid of medicine, wil ~~precipitate~~ dishonour our profession — weaken the system — pre=
=cipitate the asthenic Gout — & thereby in=
=crease the misery, & shorten the life of our patient. —

We come now to the 2nd general in=
=dication in the Cure of phlogistic Gout,

which was to prevent the recurrence of the fitt. —

The remedies for this purpose are

1 Temperate diet — particularly milk & vegetables. — milk is nourishing without stimulus — & its Nourishment is composed of animal & vegetable matter. Mr Dickens: greatly relieved by eating it for supper. If high tonic powers prevail in the system whey or milk diluted with water. having less nourishment: shd be preferred. — The vegetables shd not be rapid — nor too nourishing. Sallads ~~are~~ & ripe fruits are too cold: Potatoes — turnips — ~~&c~~ green pease &c are improper. The Drink should if possible be Water. — This has done wonders in ~~weak~~ lessening the violence & frequency of fitts of the Gout. But if this is objected to, weak wine & water, or weak small beer may be used.

Dr Sydenham used the latter. The white wines are to be preferd in water. Spirits life proper - has its stimulus soon spent - - has no nourishment, & leads to ~~[illegible]~~ intemperance ~~[illegible]~~. —

~~2 The Abstraction of all the remote exciting causes formerly mentioned.~~ —

2 Moderate Exercise. This shd be of the Active kind. Dr Sydenham recommends riding on horseback - but this is proper in the Atonic. Walking is the best species of Activeexercise. - But it should be moderate - & never - never to such a degree as to excite fatigue. - Remember the Golden Adage. "Omne nimium - est natura - inimicum". — A long walk attended with fatigue, - has in an hundred instances brought on a fitt of the Gout. To prevent fatigue, man should walk alone - & only

+ It should be avoided with double care in the Spring & fall at which time fits of the Gout are most apt to recur. —

for a limited time or distance. Dean Swift's practice. If labor with the hands or body is preferred as many be necessary in bad weather or in winter - it should be measured. The story of the man who carried a limited number of stones from one part of his garden to another every day. — ~~Lo~~ ~~Bu~~ Bullitt's used in Engl. in bad weather. — These two violent — they excite sweat & fatigue. Is not a boasted remedy — Tissy enjoined in the use of it — It relieves for a while, but like expulsive Vt. disposes to more frequent & more violent returns of it.

3 Avoiding all the remote & exciting causes, formerly mentioned. especially (a) Cold. However necessary during the fitt of the Gout when excess of action occurs it is improper in the intervals of it, for it is highly debilitating, & thus predis=poses to fresh attacks of it. (b) Night watching

"to trim the midnight lamp", or "to hang o'er the sickly taper" to use the elegant words of Dr. Akenside, is at all times improper for a gouty patient. Evening entertainments, & above all the amusement of gaming which is of all mental employments the most stimulating & fatiguing, should be avoided. A gouty patient has committed an error whenever he sets up later than 10, or at furthest 11 o'Clock at night. (c) Leaps in the lawful use of venereal pleasures. (d) The hidden disease of habitual exercises of body or mind. This advice is of the utmost importance. Military men, & great politicians are seldom afflicted with the Gout during the active season of a campaign, or of a session of a legislature. It is generally after the abstraction of the stimulus which the exercise

of the Understanding & passions upon the ~~most~~ interesting subjects of national glory & personal Ambition ~~that~~ imparts to the system that they sink into fits of debility & gout.

(e) Improper, or excessive evacuations by V.S. or purging. — Shd. Bleeding be indicated - only purge - & shd purging be indicated, try to remove the disease wch. in other habits wd. justify it, by lessening for a few days, the usual quantity of aliment. —

4 Are Issues proper to prevent a return of the Gout? - Yes - I have heard of ~~one case~~ One case & seen another (pop. bolling in water seated in stomach & liver) ~~=cefeach cases of the~~ in wch they have been used with Success. They create an artificial weak part, & thus save the limbs from plethora produced by accidental or occasional escapes in diet. + phlogistic

5 Are Bathes proper to prevent the Gout?

+ ~~& the excitement of a highly stimulating~~
~~passion, or emotion proper? Major Skene's~~
~~Story. — Should be used with great caution,~~
~~& never till excep~~

— They have been much commended. The ~~fa~~ Duke of Portland's powder is composed of nothing else ~~In investigating the~~ They are ~~indicat~~ stimuli or sedatives ~~according to Dr Cullen~~; of course, the habitual use of them is as improper as the daily use of ~~Spirituous~~ Spirituous liquors. The Duke of Portland's powder has in many instances produced Dropsy - Asthma & Apoplexy. — It is now generally laid aside. —

6 Is the Cold Bath proper to prevent the phlogistic Gout? In summer it may be useful to abate the stimulus of heat, by lessening the sensibility of the system, but if the medicines before mentioned are used with care & perseverance, it will not be necessary. —

With this we finish the Case &c

prevention of the phlogistic Gout. We proceed now to the ~~cura~~ treatment of the Atonic Gout. Here I must premise two Considera=tions. I ~~that the~~ repeat again that the Atonic Gout exists in all ages – sometimes in ~~the~~ young, as well as in old subjects. Its peculiar symptoms were mentioned formerly. —

2 The phlogistic & Atonic Gout like ~~in~~ =~~frequently appear~~ different fevers often ~~turn~~ run into each other. They appear sometimes in the same fitt & frequently in the same per==son at different Seasons, according to the number & force of the remote causes. It is of the utmost consequence to attend to this remark. ~~Both~~ Simple ~~or~~ Specific ~~Specific~~ diseases are to be found in both, more frequently than in Sick rooms. Herein ~~Dis~~ Nosological Arrangement yields to the perfection of Systems of Botany. But diseases must

+ ~~But~~ In all cases, ~~[illegible]~~ Atonic Gout we are to begin the cure by stimulating ap=
=plications to the feet. These should consist of flour of mustard - garlic - or Spanish flies. The first act most speedily. Now made be where to be applied. When a more sud=
=den stimulus is required a red hot iron, or boiling water should be preferred. — It

be described separately. Their combinations can be discovered & known only by a patient, & humble familiarity with sick people. —

In the management of the Species of Gout there are to in the former Species two Indications.

1 To relieve the patient ~~and~~ in the fits of the Gout, &

2 To prevent a return, or mitigate the Violence of fits by strengthening the System. —

1 Indication. The Other remedies ~~will~~ ~~th~~ be different according the parts of the body ~~it~~ the Gout affects, ~~&~~. The first & most common place where an Atonic Gout fixes is the Stomach producing pain - Sickness. & Vomiting. There opium - Sal. Vol: - Wine - & Spirits are proper. The dose ~~th~~ be limited only by the relief given. ~~th~~ of Wine - ~~th~~ of Spirits be even 200 drops of Sal: have frequently been ~~go adminis~~ found necessary to give ease. They should be alternated. If a Sickness only attends,

+ When – in the Eyeball – a Seton. and:
Hartzog's case – cured by it, after being
afflicted 11 years with it.
When – Vertigo – loose Shoes – Judge Ingersol's
case. —

Camomile ~~tea~~ or Columbo root tea may be administered with advantage. If a Vomiting ~~ceases~~ with Siehnsp, and the other medicines fail – Porter. ~~as~~ Wm. Dr: Desbits case – at the same time plasters of Venice treacle shd. be applied to the stomach. – ~~as while we shall have other things tingte and~~

When it appears in the bowels producing Colic or Diarrhoea – the same remedies are proper, joined with others to be mentioned hereafter in the treatment of those diseases.

– When – in the Brain – producing head ache delir.m ~~Vertigo~~ Coma – or a disposition to palsy or apoplexy, – the remedies shd be, ~~Blisters~~ Blisters – purges – clysters – If any excess of action appears – ~~as~~ V.S. – & according to Dr Fothergill – a Vomit.

– When – in the Lungs – producing Pneumonia

Nothia - or Asthma - the remedies should be V.S. - if excess of action takes place - If not, Blisters - Volatiles - & Opiates -.

When in the throat - the same. -

When - in the kidneys, or bladder - gentle laxative - Clysters - Opiates. -

When in - mania - melancholly - or Dropsy, the remedies for those diseases.

The diet in every case of Atonic Gout should be generous. -

2 Indication - is to prevent a return, or to mitigate the violence of fits by strengthening the System. This must be done.

1 By generous or stimulating diet. Beef - mutton - venison - wild fowl boiled or roasted according to the degree of debility. Wm Salt meat not hurtful - according to Dr Warren - The meals shd be divided - to prevent indirect debility being induced by excess of stimulus. - The drinks

+ In the Island of Madeira, 30,000 Pipes of Wine are made annually & 20,000 drank on the Island, & yet the Gout is but little known there. Pure Madeira wine drinkers, seldom afflicted with the Gout. To every pipe of Madeira are added 5 gallons of Brandy. — Perhaps this is because it is drank in a warm Climate. The Gout like inflam: fevers most common in variable climates. The same of Coffee - ~~seeds~~ seldom produces diseases when drank where it is cultivated.

should be sherry - madeira - or ~~old~~ very old Tenerife - or Port wines. If the Stomach rejects them Brandy & water shd be indulged till the Stomach can be braced by tonic medicines. These must be ~~especially great if from in large doses~~

2 ~~By tonics~~ Chalybeates - bitters - ~~as~~ Cp. commended by Dr Cullen - less safe than others - but - there shd be any latent inflam.: diathesis mixed with it. Gentian to be pref.: to them all.

3 Moderate exercise - this shd: be gestation especially on horseback. This, as well as riding in a carriage, sometimes forbidden by gravel or stone. - Dr Franklin speech in Paris. - Friction with fumigation - & Jactation, or swinging to be used as substitutes for them. Great remedies in Rome.

4 Avoiding all ~~the debilit~~ debilitating causes, especially cold, & moisture. ~~These~~ warm climate often restores the system, & prolongs life. The practice in Rome & Portugal. - where this

cannot be Obtained — the body shd be kept warm by Stove = rooms — & flannel, — & the feet by Cork Soles — or painted canvas, & by the outside of the shoes or boots being lacquered by the following liniment. ℞ Linseed Oil ℔i; mutton suet ℥viii; Bees Wax ℥vi. Rosin ℥iv. mix to be applied warm or melted. Used first by a Fisher=man in the reign of Queen Elizth. —

5 By ~~diminishing~~ indulging in such Amuse=ments & passions as gently stimulate without debilitating the mind. Sir Wm Temple who was much afflicted with the gout — preferred the Society & Conversation of Childn as his principal Amusement in the decline of life: ~~&~~ an ~~officer~~ officer who had served Under Prince Ferdinand in the last English war in Germany ~~&~~ some years after the peace, playing nine pins with his Brother's Children.

6 In the warm Bath proper: an universal

remedy for Gout in Rome. Long used with success by Dr Franklin. —

I have only to add 1st that in all acute diseases in Gouty patients - you shd. have your eye on this constitutional disease, & prescribe accordingly. E.g.: where there is predisposition to Gout, don't use a sudden change in diet, or too copious evacuations. Mr Wesley's case from Ol. in the fall. Further, by keeping your eye on the Gout in acute diseases, you will be better able to explain new, & anomalous symptoms. — ~~In all chronic diseases suspect the Gouty aspect if parents or predisposing causes have existed or hereditary diathesis have existed.~~

2nd As in children diseases we are directed always to have our eyes on worms, & in women's diseases, on the state of the menstrual discharge, so in all chronic diseases, we should

* Sometimes it is mistaken for Ven.l pains from its attending, or following Ven Tones. I believe it is often simply rheumatic, and produced by the disposi-tion to receive it which is produced by taking Z & being exposed afterwards to heats & colds. —

with more reason, suspect the presence of the Gout, ~~especially~~ if the remote or exciting causes of it or hereditary diathesis have existed in the constitution. —

Rheumatalgia

I have bro't this disease in, in this place from its relation to Gout. I define it "Obstinate pains in the ~~joins~~ muscular fibres, ~~caused by cold & motion~~ or ~~of~~ the joints, without fever". —

It is distinguished from the Gout 1 By ~~not~~ affecting chiefly laboring people, Soldiers are much afflicted w. it ~~as also old people. Pain in the lower part of the disease~~ 2 By seldom, or never affecting the ~~bodies~~ stomach, or internal parts of the body.

— It is distinguished from Scurvy, & Venl. disease, by the fœtid breath & gums &c in the former disease & the previous sores in the latter. ∴ —

+ But this defect of action in some habits is connected with too much tone in the vessels, ~~whence~~ ~~a variety occur~~

+ degrees of inflam^y tone, & debility which occur in this disorder. —

It ~~is~~ often follows acute Rheumatism, but I have frequently seen it without it. It is generally a disease of humble life, but I have seen in persons of rank ~~whenever~~ especially if they have carried their limbs much in walking. Surveyors are very subject to it. It seems to hold a middle place between Gout & Rheumatism. It is to Rheumatism w: the Atonic, is to inflam: Gout. Its predispo: :sing cause is debility - from debilitating ac: :cute causes. - Its proximate cause is defect of action. It is an obstinate ~~and~~ as well as painful disorder, & has brot much discredit on our profession. - But "nil desperandum" Shd. be the motto of every physician. I shall therefore mention the usual Remedies, especially those I have found most successful. Perhaps one cause of often being unsuccessful in the treatment of this disease is seated chiefly in the Sen: :sorious system. - the indications of course

(hence pains of the same kind often. fatigue & in old age generally)

(it - is owing to not distinguishing between the)

+ There is a peculiarity in the diet, which demands to be attended to. & Drinks of patients in this disease — Cyder & even a ripe apple increases it. as in Mrs Hubley — Mrs Archer & Jon.a Mifflin's cases — It shows 1 the intimate connection between the stomach & surface of the body. 2 That the disease like the Gout is a disease of the whole system — & 3d That there are evidently two states in — tonic and atonic — The first from the remains or mid-time of inflam.y diathesis — Where this is the case the diet shd. be milk & veget.s or only white meats. It is to be resorted in young & robust subjects, & recent cases — When wholly atonic — the diet should be generous. It

is to excite the action of these vessels. The remedies for this purpose are internal & external. The internal are

1 Nitre - this is proper only when there is a relict of inflam^y diathesis in the disease. I think I have seen it used with advantage.

2 Vol: tincture of gum guaiac. Dr Duncan's remark - ought be taken in large doses.

3 gently stimulating drinks, especially Sassafras tea.

4 Mercury - a salivation - best raised by Ointment. 5 suitable diet. ~~Mitchell's tonic~~.

6 Cort peruv; and tincture of Pokeberries.

The External remedies are.

1 Cold Bath - ~~proper like nitre when same action is left in the system~~. As this is the first time I have mentioned the cold bath, & as I shall have

was brot on by sudden Abstinence from Wine in Mr McCleay at 50 years of age. We often hear of a sudden alteration in diet from full - to low - & low to full - curing this & many other diseases. Whenever this is the case, the presumption is that the state of the System has required them, ~~but~~ In the latter case - the ~~for~~ low diet may have been necessary to take down the remains of infl.ry diathesis, so as to have made the full diet salutary & successful.

occasion to mention it frequently hereafter, I shall pause & endeavour to explain its operation. —

Cold is a sedative, & of course a debilitating remedy, — Why then use it in a disease produced by defect of action? To this I answer ~~that~~ 1st that ~~the~~ direct debility generally excesses the excitability of the system. The body when plunged in cold water suffers a temporary debility. The temperature of its external surface is reduced to nearly the temperature of the water. — Hence, when it comes out of the water it is exposed to the action of the external air, the temperature of which is so much above ~~that of~~ that of the body that it acts as a powerful stimulus upon it — the more so in consequence of its excitability induced by the debilitating effects of the cold water. To form a just conception of the stimulus of the heat

+ You see here that the cold bath acts in the same way in producing temporary Action, that cold air acts in disposing to inflam^n fever. Heat must succeed in both cases to set the Arterial System in motion. The further, we extend the simple principles, we began with, the more they explain the phenomena of disease. — Boys who go into swim in cool weather soon feel the difference between the air & water — hence they are warmest when under water.

of the air in this case, let me ask w.: would the feelings of a body at 96°: be in a heat of 116°:? would not the pulse be quickened, the circulation of the blood be greatly invigorated? now for a body that comes out of ~~a~~ cold water the temperature of w.: is at 52°: (for y.: is the ~~common~~ medium heat of pump water) and suddenly breathes ~~at~~ an air at 72° is ~~as~~ exposed to nearly the same degree of relative heat as the body which breathes an air of 116°: — I say nearly, for the surface of the body when it comes out of the water contracts some heat from the blood as soon as the air begins to act upon it. But further — the pressure of the water, or its impulse if in a shower bath, & lastly the panic infused into the mind, all concur to render ~~the bath~~ the cold bath a highly stimulating remedy.

you see here then greater debility induced to favor the action of stimulus, - be in consequence of stimulus, temporary excess of action which when frequently repeated, terminates in health. If the Cold Bath sometimes does harm - this happens 1 When the Vessels are so ~~to rapid that~~ easily excited that a too great excess of action, or of too long duration is produced. This appears in head ache, or in pains in the breast which sometimes succeed it. I once knew it produce haemoptysis from the mode of operating I have mentioned. Or 2dly When the Vessels are so torpid, that no action is excited by any of the stimulating causes that have been mentioned. - This appears in languor - chillness &c which sometimes succeed the use of the Cold Bath. It may be obviated by the previous use of the Warm bath, or by frictions, or by using the water of a more moderate temperature. —

A 2nd external remedy is the warm Bath. This is proper only in cases of great tapor or defect of excitability.

3rd Frictions. 4 Flannel next to the skin; — It should cover the whole body. Women shd wear drawers. — Flannel blankets to be preferd to Sheets. In Summer Cotton may be used & — Muslin Sheets at all times instead of blankets. —

5 Electricity — Should be applied in moderate Shocks, Otherwise it produces indirect debility. —

6 External Stimuli — Dr Baldinger's Ointment made of ℞ ℞ ℥j axung: porcin ℥j ung: alos Vol: lap: lint: with Camph: Opium & Ol: Succin: applied to the limbs. I have done good thro' the last. Juice of Cantth: ~~Ol~~ minced thro' Otter — and flour of mustard with water.

7 Warm Climate. This has often eradicated it. – But – only proper where no mixture of inflam.ry diathesis. –

8 What kind of exercise is proper? Riding from being partial – is hurtful. The lower extremities not exercised at all. Walking to be useful shd be moderate. Fatigue here is – extremely injurious. The minimum in medicine, does as much harm, I believe as in eating or drinking. –

9 Are Blisters – or issues proper? – Only when they excite inflam.ry & Action. Caustics for this reason are to be preferred. The potential Cauc used with Advantage.

The Rheumatalgia affects the Loins – the lumbago – the hips the Sciatica, the muscles of the head the head Ache, & the jaw the tooth Ache. –

+ Dr Fothergill speaks in high terms of ℞ in the cure of Sciatica. –

V It likewise alternates with the Rheumatismus & Rheumaticula. The great Secret then of treating each of them is to attend to the condition of the System as in fevers & consumption, and to vary the medicine every week – ~~every~~ every day – nay every hour – if a change in the pulse should indicate it – for ~~being~~ as it is a disease wholly of the sanguiferous System – the pulse seldom or never deceives us in it. All the difficulties & delays and mistakes in the treatment of this disease have arisen from not comprehending 3 instead of

The same remedies wh. are proper in general Rheumitalgia proper here. Cotton - or Wool in lumps have cured the Lumbago, & Sciatica, when applied to them†. The Rheu= =mitalgia in the head - a painful disease. ~~cured by~~ After all the above remedies have failed, ~~has~~ I have known it cured by a sweat of the vapor of vinegar applied to it under a blanket. — The Rheumitalgia alternates w. ~~pulm~~ cough & Rheumatism & often ~~ends in~~ consumptions — ✓ The ~~tooth~~ tooth ache - ~~which~~ cured by emulsion, but if objections arise to it — Opium in the tooth - or Opium wh. Ginger pepper - & any adhesive substance app.d to the face. But there is a species of Rheumitalgia in the jaw, wh. is not occa= =sioned by decayed, or inflamed teeth. It is accurately described by Dr Bolingill. I have seen 3 cases of it - in one of wh. it proved fatal - & perhaps in a 2nd by an

two species, & from not watching their grades & transitions ~~see~~ into each other. — From what I have observed ~~of~~ the bad effects of first naming diseases, and then prescribing for those names, I have sometimes been ~~tempted~~ disposed to wish that ~~the names of~~ diseases had no names. I think much mischief would thereby be prevented. —

translation of the disease to the brain, for he died apoplectic. — ~~Lond~~ Dr Fothergill supposes it to be a cancerous humor, from the same pains in different parts of the body occurring, which precede cancers. He cured it by Hemlock. He saw only 14 cases of it in the course of his life. ~~Impotens~~ ~~In~~ His patients were chiefly women, & in the decline of life. It differs in many symptoms from Rheumatism. See his Works. —

Centhropucoris

" Dep - Obtuse - ~~dea~~ constant pains often after a contusion, in the joints & ~~[illegible]~~ muscles - - a ~~[illegible]~~ diffused tumor - no inflam^n - hectic fever - & the swelling terminating in Ulcers".

— I have seen four or five cases of this disorder. It is often fatal. ~~Thos~~ cludes Bark & ☿ — Have twice cured it with Throw-wort — or perfolium - called in Maryland Lewtongue - probably from the roughness of its leaf.

by the excess & defect of stimuli. — The defect of stimulus, produces excess, & excess of stimulus produces defect of action. Here I am met with a difficulty. In what manner does defect of stimulus produce excess of action? — Dr Cullen supposes the debility induced by the absence of an usual stimulus, rouses the vires naturæ medr. to defend themselves from injury, & hence the increase of action, or wh he calls reaction of the system. I cannot admit this explanation. I would rather suppose one of two things takes place. either that the abstraction or absence of an usual stimulus produces such a degree of uneasiness in the system as to act as a stimulus upon it & thus to excite it into action. I think several phenomena favour this supposition. Darkness suddenly induced, is an abstraction of a stimulus, & yet who has

not felt it as a most ~~pain~~ unpleasant situation. I suspect there is always a quickness of the pulse induced by this sudden change in the system. or the debility induced by the abstraction of a usual stimulus may be such as to make the system ~~more~~ liable to ~~the~~ be acted upon with greater force by ~~the other~~ other stimuli. E.g.: - If with a habit predisposed to the gout, I take a strong purge - or lose ℥20 of blood - or ~~suddenly~~ reduce my body by a sudden fitt of abstemiousness, - I ~~quickly~~ increase its excitability in such a manner that the slightest stimulus ~~with~~ such as a warm ~~wign~~ - a tight shoe - or garter - an indigestible ~~fo~~ piece of biscuit - or cheese - ~~or~~ or even a single ~~instance~~ ~~to~~ act of my will in a shot, or passion are all sufficient to produce a fitt of the gout. The last explanation accords best with the simplicity of our system, & the analogies mentioned upon former occasions,

~~all~~ most of the nervous diseases mentioned by Dr Cullen - in our country from test laws - tender laws & paper money. If these should be for ever banished from among us by our new political institutions, I think I could offer several facts to prove that ~~our republics~~ a free government will be ~~no~~ friendly to ~~nervous diseases~~ general health, and that fevers will be the natural passports from this world to the next, - ~~to~~ all true republicans. -

But there is another cause that will always determine ~~on~~ the ~~frequen~~ greater or less prevalence of nervous diseases in our country, - & that is, the greater or less influence of the christian religion upon the minds of our citizens. The ~~a~~ excess ~~of~~ or defect of Action in the passions in the principal cause of Nerv. Diseases. Now these can be perfectly & justly

regulated only by the precepts of christia:
:nity. — ~~hope~~ Peace of mind — hope — & occasional joy, ~~with~~
~~the gently invigorating effects of constant acts~~
~~of charity & benevolence, are~~ are its ~~genuine~~ constant fruits,
~~in the~~ and these ~~are~~ exercise the most friendly
influence upon the appetite — the digestion the
circulation of the blood, & all the Secretions. —
— Hence arises a new argument in favor of
the truth of our religion. It is not only more
favourable to public & private happiness, but
to health & long life than any other religion
that has ever been existed in the world. I speak
only of Christianity as revealed in the New
testament, and in the hearts of men. There
are tenets held by some Sects of ~~christians~~ which are
~~or imposed upon the world for~~ so far from
having a friendly influence upon health,
that they are more calculated to produce Hypocondiasis —
melan:
-cholly — & madness — those worst of nervous
diseases. —

I have already treated of those nervous diseases which affect the blood vessels ~~the~~ primarily & chiefly — as gout — apoplexy — palsy — tetanus — hydrophobia — nagina — & and all the other diseases of ~~the~~ the mind. I shall now treat of those which come into the body primarily thro' the medium of the nervous system ~~the~~ affect it chiefly. In the nervous system I include the muscles —

go to No 9. to 395. catalepsy. Brain.

× When I speak of ~~the effects of~~ morbid action, ~~or a defect of it~~ appearing in the arterial, or ~~arterial~~ nervous systems, I hope you do not suppose that I mean that they ~~can~~ always exist separately. The nerves & blood vessels are so intimately connected, that one system of them cannot be disordered without in most cases affecting the other. ~~By the nervous diseases, I mean those~~ most of the diseases ~~of the class~~ now before us affect the nerves primarily - & afterwards bring the ~~arteries~~ blood vessels into action, as they we left affected the arterial system primarily. ~~I shall consider these first & then the~~ But there are some diseases ~~diseases which~~ of the nerves which as not more the ~~arterial~~ vascular system, or so gently, that ~~it has not a~~ the emotions ~~excited~~ in it are not worth are notice. I shall begin with the first - & gradually proceed to those diseases which are simply nervous, and here I shall follow Dr Cullen in reducing the diseases of this class to orders - genera & species.

To designate half the diseases of the human body, by the names of nervous, ~~or to divide them into Sthenic & Asthenic~~ is in my opinion ~~much less~~ much more improper than to divide them into Sthenic & Asthenic, & to prescribe accordingly. — ~~for the nervous disease are both Sthenic & Asthenic, and~~ It is as absurd in nosology, or theory, as it is to purge the north ward — to bleed the south ward, or to blister — the cells of a hospital. ~~If a~~ Physician ~~patient~~ means to ~~dispatch~~ suspend or lull idle curiosity asleep in his patients by calling their diseases nervous — ~~but in ex~~ or whether he means to cover his reputation in all cases, by never risking his fallibility, ~~but~~ in both instances to descend it from the dignity & simplicity of Science]

1790 Jan.y

In considering the Neuroses, I have promised to proceed in the following order – first those wh. affect both Arterial & nerv: System – 2nd those which are accomp.d with excess & defect of Action 3rd those wh. have only defect & lastly those in which an Absence of Action ~~causes~~ ~~but also~~ causes resembling death. I need not mention that the last will include – only ~~the~~ Lyncope & Asphixia. —

In pursuing this Disorder, I must depart from Dr Cullen's Arrangement of Orders of Neuroses. — My order shall be Comata – Spasmi – Vesania & Adynamia.

~~Comata~~

Neuroses

1 Impaired Sense & Motion without Dispa=thic fever, or local disease

Coma etc

"A Diminution of voluntary motion, with
"~~Sleep~~ Sleep; or a loss of Sense, or motion"
The degrees - are Coma - lethargy - coma - ~~Lep~~ Paraplexy -
& Apoplexy.

"A ~~Cessation~~ Suspension of all the voluntary motions, with sleep, the motion of the heart & arteries still remaining". Sometimes proving - Dioting? from natural sleep by coming not easily rud.? & no yawning or something preceding it. ~~for~~ I ~~do not~~ in explaining the cause of this disease, I shall of the principles I shall? on the subject of consumption. It is a disease of the whole system. & 2ly Its predisposing cause is general debility. I infer this from the habits it attacks - viz: such as have been debilitated by luxury or frequ.t intoxication, & old people. - This predisposition is ~~much~~ increased by a large head & short neck & corpulency, just as the predisposition to consump.n is increased by a ~~narrow~~ narrow chest.

+ matter - purulent & mucous - & putrid -
& cranium - blood effused in
the
water in ventricles - cerebrum - cerebellum -
Hydatids affecting the
plexus choroides ~~& Hydatids~~ water in theca
vertebrarum - pineal gland enlarged from
an effusion of ~~the~~ blood - -

The proximate cause of it is excess or defect of action in the vessels of the brain". ~~Tertia~~ the last produced at first by indirect debility. —

This definition will exclude many of Dr Cullen's species. — But they shall all be included in other genera. E.g: the Veniata - suffocation, where pulse is wanting & breathing & mentalis all belong to Syncope or Asphixia. for I hope to prove that they depend upon a spi: other parts of ~~nervous~~ system - perhaps - many affection of ~~the lungs~~ lungs & heart, & that they affect the brain only in a secondary manner.

— I exclude likewise the Hydrocephalica. It belongs to Dropsies under the order of Apyrexia ~~and tumoribus~~ - ~~already dispersed under Phrenitis.~~

The Excess or defect of Action in the brain is generally produced by congestion ~~or~~ of blood, or water in the brain. This congestion is from intravasation from ἐν to τίθημι as in mulphisi from Baglivi — or extravasation. The last a rupture & probably always fatal. also by worman hamorhagia cerebri — It always of a Vein - for it is from Ven: plethora. But is prod: also by Hydatids - & ~~other tumors~~.

The remote of it are intemperance in eating & or drinking or both, indolence - long &c